

SIGNAL SHIELDING TECHNIQUE USING ACTIVE SHIELDS FOR NON-INTERACTING DRIVER DESIGN

Abstract

A technique for actively shielding a signal such that a signal driver of the signal only participates in discharge events is provided. Because the signal driver only participates in discharge events, the signal driver is non-interacting with respect to other driver devices. Shield wires are set such that an active transition on the signal causes a discharge of capacitance between the signal and the shield wires.

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